

UNITED STATES PATENT AND TRADEMARK OFFICE**Examiner:** J. M. Hoffmann**Art Unit:** 1731**In re:****Applicant:** COOPER, et al**RECEIVED
CENTRAL FAX CENTER****Serial No.:** 10/822,878**OCT 25 2005****Filed:** 4/13/2004**DECLARATION**

I hereby certify that this correspondence is
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Alexandria, VA 22313-1450

10/25/05

I. Y. BOROVSKY

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

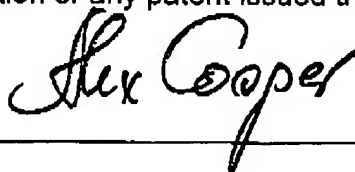
This is to declare that I, **Alex COOPER**, has been working in the area of grinding and polishing of various materials for over 40 years. From 1963 until 1989 I was working as a Research Scientist and a Technology Group Leader in Institute of Superhard Materials, being involved in development and commercialization of technologies related to grinding and polishing of ceramics, glass, semiconductors, etc. From 1996 to 2000 I was a Vice President for Science and Technology at ALGE Company,

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being involved in development of new tools for grinding and polishing of various materials. From 2000 to present I am a Project Manager and Scientist in Universal Photonics, Inc., in Hicksville, New York, a company which is also involved in grinding and polishing of industrial materials. I have 15 inventor's certificates and patents related to grinding and polishing, and 25 publications on this subject.

I am a Head of the Project in accordance with which the new abrasive tools have been produced, with the $\text{Al}(\text{OH})_3$ which is converted into Al_2O_3 as single abrasive particles in the tools. I hereby confirm that the temperatures which are used for heat treatment are between 150°C and 300°C . We use these temperatures all the time, and produce numerous tools by the method in accordance with the present invention.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A handwritten signature in cursive script, reading "Alex Cooper", is written over a horizontal line.

A. COOPER

10.20.2005